

Title (en)  
FRAMELESS RADIAL TRUCK

Publication  
**EP 0144780 B1 19880420 (EN)**

Application  
**EP 84113436 A 19841107**

Priority  
US 55759383 A 19831202

Abstract (en)  
[origin: EP0144780A1] A frameless self-steering radial wheeled support vehicle for a railroad car body includes: (a) a pair of wheelsets, (10,12) (b) a support (50-58) at opposite ends of each wheelset for independently mounting a railroad car body on each end of the wheelset, (c) resilient shear pads (57-63) for mounting each support upon an end of a wheelset, which pads permit both lateral and yaw movement of a wheelset relative to its supports, and (d) a linkage connecting (70-82) adjacent ends of each wheelset constraining the wheelsets to yaw in opposite sense and permitting lateral movement of one wheelset relative to the other.

IPC 1-7  
**B61F 1/14**; **B61F 5/44**; **B61F 5/14**; **B61F 15/08**; **B61D 9/14**

IPC 8 full level  
**B61D 9/14** (2006.01); **B61F 1/14** (2006.01); **B61F 5/14** (2006.01); **B61F 5/44** (2006.01); **B61F 15/08** (2006.01)

CPC (source: EP)  
**B61D 9/14** (2013.01); **B61F 1/14** (2013.01); **B61F 5/14** (2013.01); **B61F 5/44** (2013.01); **B61F 15/08** (2013.01)

Cited by  
FR2632917A1; DE3745025C2; AT398060B; CN111301471A; EP0649782A1; US5638757A; EP0429095A1; DE3827412A1; EP0357951A1; EP0306889A3; DE3730180A1

Designated contracting state (EPC)  
BE CH DE FR GB LI

DOCDB simple family (publication)  
**EP 0144780 A1 19850619**; **EP 0144780 B1 19880420**; AU 3537784 A 19850606; AU 558884 B2 19870212; BR 8406103 A 19850924; CA 1234722 A 19880405; DE 3470501 D1 19880526; IN 161368 B 19871114; ZA 848234 B 19850626

DOCDB simple family (application)  
**EP 84113436 A 19841107**; AU 3537784 A 19841113; BR 8406103 A 19841130; CA 465656 A 19841017; DE 3470501 T 19841107; IN 906MA1984 A 19841122; ZA 848234 A 19841022